

LISTING OF CLAIMS:

1. (currently amended): A fluid-dispenser valve (10) comprising a valve body (11), and a valve member (12) slidable in said valve body (11) between a rest position and a dispensing position, said valve (10) being characterized in that it includes temperature regulator means (12, 20) for limiting cooling of the valve member (12) while the fluid is being dispensed, said temperature regulator means comprising the valve member (12) ~~made in part of a thermally-conductive material~~, and said valve member (12) including an inner portion, slidable inside the valve body (11), and made of a first synthetic material, and an outer portion, extending, at least in part, outside the valve body, and made of a second material that is thermally conductive, said inner and outer portions being secured to each other.
2. (original): A valve according to claim 1, in which said temperature regulator means further comprise a head (30) co-operating with said valve member (12), said head (30) being made of a thermally-conductive material.
3. (previously presented): A valve according to claim 1, in which said temperature regulator means further comprise cooling plates (20) co-operating with said valve member (12).
4. (original): A valve according to claim 3, in which said plates (20) are disposed around said valve member (12).
5. (original): A valve according to claim 3, in which said plates (20) are disposed in a head (30) co-operating with said valve member (12).

6. (previously presented): A valve according to claim 3, in which said plates (20) extend approximately parallel to one another, and substantially transversely to the central axis of said valve member (12).

7. (previously presented): A valve according to claim 3, in which said plates (20) are made of a thermally-conductive material.

8. (previously presented): A valve according to claim 1, in which said thermally-conductive material is a metal.

9. (previously presented): A valve according to claim 1, operating with a propellant gas so as to dispense the fluid.

10. (original): A valve according to claim 9, in which said propellant gas comprises gases of the HFA-134a or HFA-227 type.

11. (previously presented): A valve according to claim 1, in which said valve (10) is a metering valve, said valve body (11) including a valve chamber (15) defining a volume of fluid to be dispensed each time the valve (10) is actuated.

12. (original): A valve according to claim 11, in which said volume of fluid dispensed at each actuation is greater than 500 μ l.

13. (previously presented): A fluid dispenser device comprising a fluid reservoir (1), said device being characterized in that it further comprises a valve (10) according to claim 1.

14. (original): A device according to claim 13, including a dispenser head (30) mounted on the valve member (12) of said valve (10).

15. (previously presented): A device according to claim 14, in which said dispenser head (30) includes said temperature regulator means (20).

16. (previously presented): The valve according to claim 1, wherein the inner and outer portions are secured to each other by overmolding.

17. (previously presented): The valve according to claim 1, in which said thermally-conductive material is aluminum.

18. (previously presented): The device according to claim 14, in which a portion of the dispenser head that co-operates with the valve member (12) includes the temperature regulator means.

19. (canceled).

20. (previously presented): A fluid-dispenser valve, comprising:

a valve body, and

a tubular valve member comprising an inner portion slidable inside the valve body between a rest position and a dispensing position and an outer portion extending, at least in part, outside the valve body, and

wherein the inner portion is made, at least in part, of a synthetic material and the outer portion is made, at least in part, of a thermally conductive material; and

wherein the inner and outer portions are secured to each other; and

wherein the fluid dispenser valve further comprises cooling plate fins thermally coupled to the valve member.